From: Andrew Kraft
To: Jamie Strong

Cc: <u>Barbara Glenn</u>; <u>David Szabo</u>; <u>Vincent Cogliano</u>; <u>Susan Makris</u>

Subject: Re: Fw: follow up to formaldehyde CAST meeting

Date: 07/24/2012 03:00 PM



-Andrew

FYI: I have cc'd Sue, the resident devtox expert, to get her in the loop

Andrew Kraft, PhD I 703-347-0221 Biologist, Office of Research and Development National Center for Environmental Assessment U.S. Environmental Protection Agency

▼ Jamie Strong---07/24/2012 02:32:26 PM---Based on the conversation at the last CAST meeting on the study evaluation and selection table and t

From: Jamie Strong/DC/USEPA/US
To: Andrew Kraft/DC/USEPA/US@EPA

Cc: Barbara Glenn/DC/USEPA/US@EPA, David Szabo/DC/USEPA/US@EPA,

Vincent Cogliano/DC/USEPA/US@EPA

Date: 07/24/2012 02:32 PM

Subject: Re: Fw: follow up to formaldehyde CAST meeting

Based on the conversation at the last CAST meeting on the study evaluation and selection table and the rationale that it was excluded because the study authors only tested 3 dose groups, I was leaning towards advancing Sarsilmaz. Have you consulted with Karen Hogan and/or John Fox? The endpoint seems valid and based on the table the other attributes of the study lead me to believe it was adequate for dose-response. Just my two cents though, Id be eager to hear what others have to say.

▼ Andrew Kraft---07/24/2012 02:16:04 PM---Thank you, Jamie. I appreciate the comments. I did have one specific question: did your read-throug

From: Andrew Kraft/DC/USEPA/US To: Jamie Strong/DC/USEPA/US@EPA

Cc: Barbara Glenn/DC/USEPA/US@EPA, David Szabo/DC/USEPA/US@EPA,

Vincent Cogliano/DC/USEPA/US@EPA

Date: 07/24/2012 02:16 PM

Thank you, Jamie. I appreciate the comments.



Thanks, Andrew

Andrew Kraft, PhD I 703-347-0221 Biologist, Office of Research and Development National Center for Environmental Assessment U.S. Environmental Protection Agency

▼ Jamie Strong---07/24/2012 01:57:53 PM---Andrew, Here are my comments on the FA neurotox section. I did not really have the time to dig into

From: Jamie Strong/DC/USEPA/US To: Andrew Kraft/DC/USEPA/US@EPA

Cc: Barbara Glenn/DC/USEPA/US@EPA, David Szabo/DC/USEPA/US@EPA,

Vincent Cogliano/DC/USEPA/US@EPA

Date: 07/24/2012 01:57 PM

Subject: Re: Fw: follow up to formaldehyde CAST meeting

Andrew,

Here are my comments on the FA neurotox section. I did not really have the time to dig into this, but hopefully my brief comments are helpful. Let me know if you have any questions.

Jamie

[attachment "June2012 Revised Neurotoxicity Synthesis draft CLEANish STRONG comments.docx" deleted by Andrew Kraft/DC/USEPA/US]

▼ Andrew Kraft---07/17/2012 05:46:42 PM---Hello formaldehyde CAST team, I just wanted to follow up on the emails from Barbara below, regardin

From: Andrew Kraft/DC/USEPA/US

To: Vincent Cogliano/DC/USEPA/US@EPA, Jamie

Strong/DC/USEPA/US@EPA, Ted Berner/DC/USEPA/US@EPA, David

Szabo/DC/USEPA/US@EPA

Cc: Barbara Glenn/DC/USEPA/US@EPA, Jason Fritz/DC/USEPA/US@EPA

Date: 07/17/2012 05:46 PM

Subject: Fw: follow up to formaldehyde CAST meeting

Hello formaldehyde CAST team,

I just wanted to follow up on the emails from Barbara below, regarding comments on the neurotoxicity section and the CAST presentation by July 10th (last Tuesday).

I realize that you are all extremely busy, so a few focused comments and guidance is all I need (see below) to improve this section considerably and keep it moving forward; however, any and all comments are welcome, of course.

Thank you, Jason, for already providing your comments- feel free to disregard this message.

Best, -Andrew

Andrew Kraft, PhD I 703-347-0221 Biologist, Office of Research and Development National Center for Environmental Assessment U.S. Environmental Protection Agency

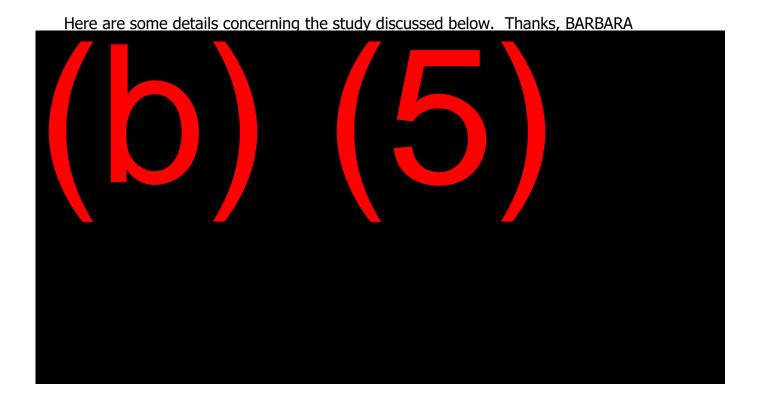
---- Forwarded by Andrew Kraft/DC/USEPA/US on 07/17/2012 05:40 PM -----

From: Barbara Glenn/DC/USEPA/US To: Barbara Glenn/DC/USEPA/US@EPA

Cc: Vincent Cogliano/DC/USEPA/US@EPA, Ted Berner/DC/USEPA/US@EPA, David Szabo/DC/USEPA/US@EPA, Jamie Strong/DC/USEPA/US@EPA, Jason Fritz/DC/USEPA/US@EPA, Andrew Kraft/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, Bob Sonawane/DC/USEPA/US@EPA

Date: 06/28/2012 09:35 AM

Subject: Re: Fw: follow up to formaldehyde CAST meeting





Barbara S. Glenn, PhD | 703-347-8658 National Center for Environmental Assessment U.S. Environmental Protection Agency

▼ Barbara Glenn---06/28/2012 09:27:36 AM---I want to follow up on a couple of items from our CAST meeting last week. I know that Dave will be

From: Barbara Glenn/DC/USEPA/US

To: Vincent Cogliano/DC/USEPA/US@EPA, Ted Berner/DC/USEPA/US@EPA, David Szabo/DC/USEPA/US@EPA, Jamie Strong/DC/USEPA/US@EPA, Jason

Fritz/DC/USEPA/US@EPA

Cc: Andrew Kraft/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA,

Bob Sonawane/DC/USEPA/US@EPA Date: 06/28/2012 09:27 AM

Subject: Fw: follow up to formaldehyde CAST meeting

I want to follow up on a couple of items from our CAST meeting last week. I know that Dave will be sending minutes of the meeting but I don't want you to forget that you committed to providing Andrew with your feedback by July 10th.

Andrew asked for your thoughts on the draft mode of action section and also to weigh in on whether the assessment should include an RfC for neurotoxicity based on effects on pyramidal cells in the hippocampus (see attached paper). Figure 6 at PND 30 would be the endpoint Andrew would suggest deriving a cRfC from, if we were to do so.

Finally, we would like to confirm that the CAST agrees that the hazard section should convey that these are serious effects even if the database has uncertainties and therefore we conclude that the evidence is suggestive.

Regards, Barbara

Barbara S. Glenn, PhD | 703-347-8658 National Center for Environmental Assessment U.S. Environmental Protection Agency

[attachment "Sarsilmaz 2007 HCHO and CA cell number.pdf" deleted by Jamie Strong/DC/USEPA/US]